

PERIODIC INTERFACE CALIBRATION FOR HIGH SPEED COMMUNICATION

ABSTRACT

5 **[0059]** A high-speed communication interface manages a parallel bus having N bus
lines. N+1 communication lines are established. A maintenance operation is performed
on one of the N+1 communication lines, while N of the N+1 communication lines is
available for data from the N line bus. The communication line on which the
maintenance operation is performed, is changed after the operation is complete, so that all
10 of the N+1 communication lines are periodically maintained, without interfering with
communications on N of the N+1 communication lines.